Meteorology and Atmospheric Physics

Vol. 35, 1986

Springer-Verlag Wien New York

Meteorology and Atmospheric Physics

formerly
Archives for Meteorology, Geophysics, and Bioclimatology, Series A

Honorary and Founding Editor: F. Steinhauser, Wien
Managing Editor: E. R. Reiter, Fort Collins, Colo.

Editorial Board
R. F. Abbey, Jr., Arlington, Va.
L. Bengtsson, Reading
D. W. Beran, Boulder, Colo.
J. E. Cermak, Fort Collins, Colo.
J. S. Chang, Boulder, Colo.
H. C. Davies, Zürich
H. Dolezalek, Alexandria, Va.
M. Hantel, Bonn
G. J. Holland, Melbourne, Vic.
T. N. Krishnamurti, Tallahassee, Fla.
M. Kuhn, Innsbruck
K.-N. Liou, Salt Lake City, Utah
T. Nitta, Tokyo
H. Pichler, Innsbruck
R. A. Pielke, Fort Collins, Colo.
D. E. Stevens, Fort Collins, Colo.

Editorial Assistant: C. Bernhofer, Wien

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions including microform is transferred to the publisher

© 1986 by Springer-Verlag/Wien

Astraldi, M., Gasparini, G. P., Observation of Pressure and Wind Fields over the Ligurian and Tyrrhenian Seas (West Mediterranean) 139
Beheng, K. D., Herbert, F., Mathematical Studies on the Aerosol Concentration in Drops Changing Due to Particle Scavenging and Redistribution by Coagulation 212
Chen, L., Reiter, E. R., Sea Surface Temperature Anomalies in the Kuroshio Region and Temperature Anomalies over North America 1
De, B. K., Sarkar, S. K., Effects of Geomagnetic Storms on the Sunrise Fade of Long Distance 40 kHz Signals 227
Devara, P. C. S., Ahmed, M. I., Momentum Flux Variations at Lower Thermospheric Levels as Seen from Mid-Latitude Meteor Wind Observations . . 236
Herbert, F., Beheng, K. D., Scavenging of Airborne Particles by Collision with Water Drops—Model Studies on the Combined Effect of Essential Microdynamic Mechanisms 201
Hoard, D. E., Lee, J. T., Synoptic Classification of a Ten-Year Record of 500 mb Weather Maps for the Western United States 96
Kocin, P. J., Uccelini, W., Petersen, R. A., Rapid Evolution of a Jet Streak Circulation in a Pre-Convective Environment 103
Lazić, L., Janjić, Z., Mesinger, F., "Non-Cancellation" Instability in Horizontal Advection Schemes for Momentum Equations 49
McKendry, I. G., Sturman, A. P., Owens, I. F., A Study of Interacting Multi-Scale Wind Systems, Canterbury Plains, New Zealand 242
Mehta, V. M., Ahlquist, J. E., Interannual Variability of the 30–50 Day Activity in the Indian Summer Monsoon 166
Mihailović, D. T., Pressure Gradient Force and Calculation Initial Temperature in Terrain-Following Coordinate Models 53
Mihailović, D. T., Janjić, Z. I., Comparison of Methods for Reducing the Error of the Pressure Gradient Force in Sigma Coordinate Models 177
Mukherjee, B. K., Indira, K., Ramana Murty, Bh. V., Interannual Variability of Middle Atmosphere and Indian Summer Monsoon 64
Paegle, J. N., Zhen, Z., Sampson, G., Paegle, J., Vertical Structure of the Wind Field During the Special Observing Period I of the Global Weather Experiment 149
Reiter, R., Jäger, H., Results of 8-Year Continuous Measurements of Aerosol Profiles in the Stratosphere with Discussion of the Importance of Stratospheric Aerosols to an Estimate of Effects on the Global Climate 19
Reiter, R., Sladkovic, R., Kanter, H.-J., Concentration of Trace Gases in the Lower Troposphere, Simultaneously Recorded at Neighboring Mountain Stations. Part I: Carbon Dioxide 187
Salvekar, P. S., George, L., Mishra, S. K., Low Level Wind Shear and Baroclinic Growth of Monsoon Depression Scale Waves 10
Seetaramayya, P., Master, A. H., Exchange of Heat and Momentum Between Ocean and Atmosphere in Relation to Monsoon Depression During MONEX-79 . 59
Shen, R., Reiter, E. R., Bresch, J. F., Numerical Simulation of the Development of Vortices over the Qinghai-Xizang (Tibet) Plateau 70
Whiteman, C. D., Temperature Inversion Buildup in Colorado's Eagle Valley 220
Book Reviews 185, 253

Digitized by the Internet Archive
in 2023 with funding from
Kahle/Austin Foundation

https://archive.org/details/meteorology-and-atmospheric-physics_1986_35_index